

Title (en)
METAL WIRE CORD FOR ELASTOMER REINFORCEMENT

Publication
EP 0383716 B1 19930707 (EN)

Application
EP 90630028 A 19900126

Priority
US 30916689 A 19890213

Abstract (en)
[origin: EP0383716A1] A metal cord (10 or 26) for reinforcing elastomeric articles, such as earth mover tires, comprises a plurality of metal wire-filament strands, including a center strand and multiple peripheral strands (14 through 24) concentrically surrounding the center strand. Each of the center and peripheral strands includes multiple individual wire filaments (26) of similar diameter having identical strand lay direction and length. Each strand has a hexagonally close-packed longitudinally uniform polygonal outline in which filaments are in concentric layers, with each individual filament being tangential to all adjacently surrounding filaments. The peripheral strands are tangential to the center strand and have a predetermined cord lay length and direction either the same as (Lang's Lay) or opposite to that of the center strand.

IPC 1-7
B60C 9/00; **D07B 1/06**

IPC 8 full level
D01F 9/08 (2006.01); **D07B 1/06** (2006.01)

CPC (source: EP US)
D07B 1/0613 (2013.01 - EP US); **D07B 1/0633** (2013.01 - EP US); **D07B 2201/1048** (2013.01 - EP US); **D07B 2201/1052** (2013.01 - EP US); **D07B 2201/1064** (2013.01 - EP US); **D07B 2201/1068** (2013.01 - EP US); **Y10S 57/902** (2013.01 - EP US)

Cited by
FR2969181A1; CN110282535A; FR3060616A1; CN110088390A; KR20190095924A; EP3133205A4; FR3060617A1; CN110088391A; US11535982B2; US10933694B2; US10940719B2; WO2018115727A1; WO2016131862A1; US10704195B2; US11578459B1; WO2020161404A1; WO2018115728A1

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DE ES FR

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